



# Specification

Model Number: EJS1300

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## User Manual

Product Type: EJS1300

Thank you for choosing E&J multifunction Battery Jump Starter! This product is very light and compact. It can start up your car during your car battery failure for ignition, and also can charge your electronic products and use as a flashlight. Please read the manual carefully before using the appliance, and please safekeeping.

## Features

Using advance technology patent design, smallest and lightest weight products of similar products in the world.

Good ergonomic design, suitable for single hand held, and easy to use.

Displacement does not exceed 3.0L's car, which can be used to start the ignition of this product, and the essential equipment of camping.

5V USB power port power supply for all kinds of electronic products, and the product weighs less than 400 grams. It's your portable mobile power supply.

The 12000mAh battery capacity provides a strong impetus for your electronic products.

LED lighting feature allows you to get light in the dark.

At minus 20 °C low temperature environment also can be used.

Using high-quality security battery clip is to ensure that it will not accidentally bump into a short circuit, with high security.

Built-in circuit board has a current protection, over-discharge protection and other protective measures to achieve security and stability of the charge and discharge.

Built in intelligent circuit which can automatically determine the existence of the output, if not, will automatically shut off the power supply within 5 seconds.

## Safety Precautions

Please read these simple guidelines. Failure to follow these rules may be dangerous.

Please remove the appliance from the vehicle within 30s after the vehicle started. Otherwise, it may cause accidents.

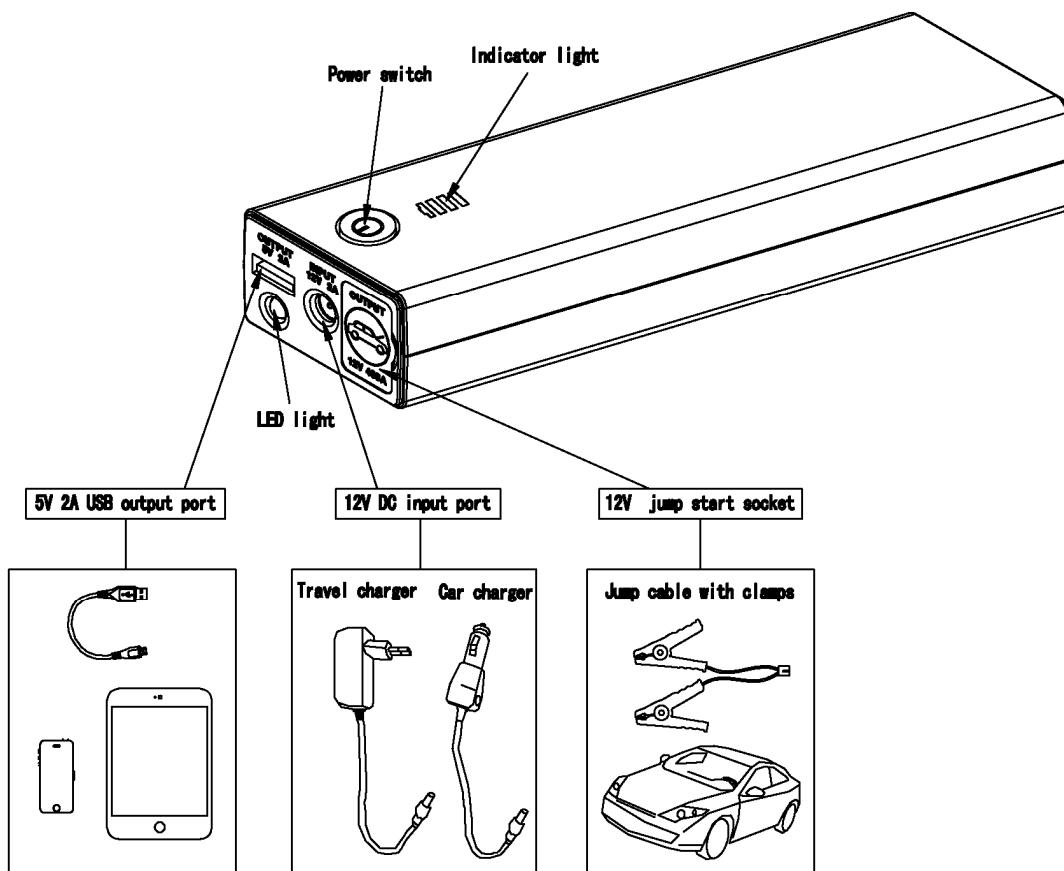
Please do not clip battery clip ends, otherwise it may cause accidents.

Please do not disassemble the appliance, otherwise it may cause accidents.

Please use qualified charger to the product, charging should be manned and away from combustible material.

If the appliance is hot, deformed, which may lead to liquid spills, smoke or burning, please stop using immediately.

## Parts and Functions



## Indicator light

Touch the power switch, power indicator the following meanings:

Indicator lights	Unlit	Bright 1	Bright 2	Bright 3	Bright 4
Product electricity	0	25%	50%	75%	100%

During charging the appliance, the power indicator flashing cycle, the number of long bright lights of electricity on behalf of the appliance. Four indicator light, indicating that the charging pause/end.

## Product parameters

Size	175 * 48.5 * 30mm
Battery capacity	12000mAh
Peak current	400A
Output	5V 2A (USB port) , 12V 400A (Jump start port)
Input	12V 1A (DC port)
Charging time	About 4 hours full
Operating temperature	-20°C - 60°C

## Operation guidance

### Power on and off

Press the power switch that is turned on, then the power indicator light, if the electronic products insert the charging port and can charge electronic products. In the case of the power is not turned to the electronic product cannot be charged.

Double-press the power switch, then turn on the LED lighting. Double-press the power switch again, then turn off the LED lighting.

If you do not manually turn off the power, once there is no load, or charging end electronic products, the appliance will intelligent detect, and automatically power off after 5 seconds. Please note that the LED lighting does not close automatically.

### Charging for Jump Starter itself

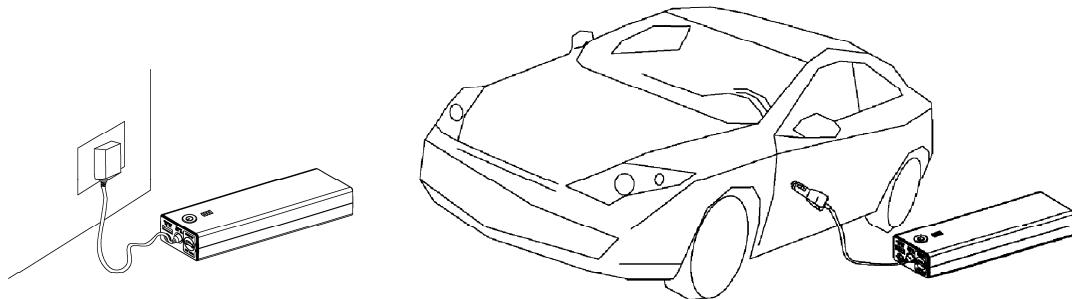
1. Plug the travel charger into the charging socket.
2. The travel charger 12V DC plug into the appliance's 12V 2A DC input port.

Or:

1. Plug one end of the car charger cigarette plug.
2. The Car Charger 12V DC plug into the appliance's 12V 2A DC input port .

Above two methods is charging, the green power indicator light flashes in turn, indicates charging in progress, full of the power indicator light, no flashing, indicating that full, disconnect the charger and the power indicator light turns off automatically. Briefly press the power switch once, you can query power, two seconds after the power light is off.

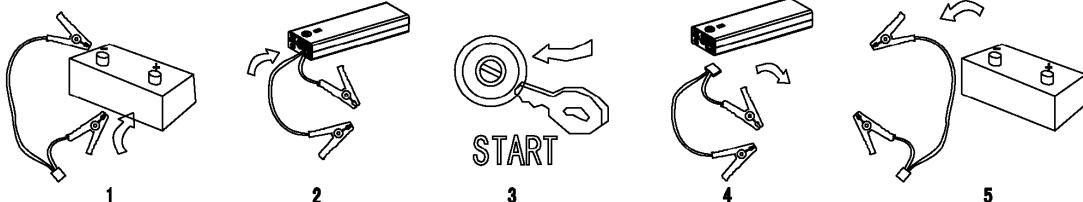
Above to the appliance charge time is about 4 hours, and then the appliance is fully charged.



## To jump start 12V vehicle

1. Make sure that there is no less than 2 indicator lights can be bright Verify that the appliance power indicator in two or two or more..
2. Connect the red battery clamp of jumper cable to the vehicle's positive (+) battery terminal and connect the black battery clamp of jumper cable to the vehicle's negative (-) battery terminal.
3. Plug the connector of jumper cable into the jump start socket.
4. Start the vehicle.
5. When the vehicle starts, remove jumper cable from Jump Starter within 30 seconds.
6. Remove the battery clamps.

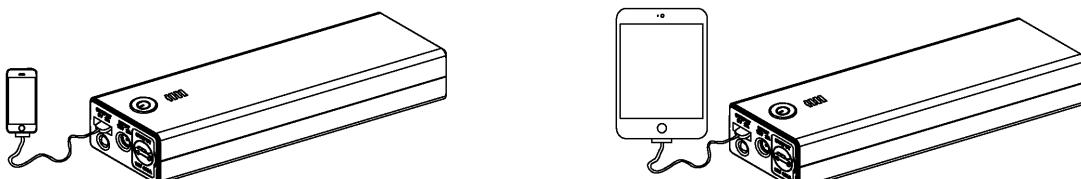
According to product design, under normal circumstances can start the car more than 20 times.



## To charge your phone/tablet and other electronic products

1. Select the equipped USB cable or other suitable cable.
2. Plug the USB cable to 5V 2A USB output port.
3. Connect the other end to your phone / tablet computers and other electronic products.
4. Press the power switch to charge. Indicator lights will light during charging.

The built-in battery capacity is 12000mAh, to give Iphone5 charge, for example, never power off the handset is fully charged, can be continuously filled seven times.



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## Trouble shooting

If the following operations cannot exclude your fault, please stop using the appliance immediately and contact your dealer.

No response when I press the power switch.	Low voltage protection is activated, cutting off the circuit.	Plug the charger into the 12V 2A input port to active.
The jump starter cannot be charged	Charger is not suitable; Appliance is fully charged.	Choose qualified charger. If all indicators light bright, it has been filled, do not need to charge it.
The jump starter cannot charge electronic products	The power switch is off; Appliance have no electricity; Cable is faulty.	Press the power switch; Charging to the appliance; Replace a qualified cable.

## Packing List

Host appliance ×1  
 Travel charger ×1  
 Car charger ×1  
 Jump cable with battery clamps ×1  
 USB cable ×1  
 Flannelette bag ×1  
 Digital Bag ×1  
 User manual ×1  
 Quality certificate ×1

## Toxic and harmful substances

Composition and amount of Toxic and harmful substances in jump starter					
Pb	Hg	Cd	Cr(Vi)	PBB	PBDE
O	O	O	O	O	O
O: Indicate all homogeneous materials' hazardous substances content are below the MCV limit specified in the Standard 2002/95 IEC (RoHS).					

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## Precautions

The appliance should be taken to avoid exposure, percussion, water, and rain in the transport process, and make the battery positive and negative pole insulation.

The appliance should be stored in a cool dry indoor storage, avoid flooding, rain.

No long-term placement in a low voltage state. Appliances I do not use the electricity charge to more than 50% of storage, can be stored for more than 6 months, but in order to extend the service life, suggest charging every three months.

Do not immerse the appliance in water or become wet.

Do not modify or disassemble the appliance.

Do not reverse connect the input or output.

Be careful not to let the children touch appliance.

Do not put the appliance into the fire.

Please use qualified charger to charge the appliance.

Do not impact heavy and throw the appliance.

If the liquid of the appliance gets into your eyes, do not rub your eyes, rinse with water and consult doctors immediately.

If there is any abnormal or malfunction when charging, please contact your dealer.

## WARRANTY INFORMATION:

We offer a limited warranty for this product against any defects in material and workmanship for a period of 6 months from the date of purchase by the end user/consumer. The conditions of the warranty are as follows:

1. The warranty is only valid upon presentation of the original receipt (from dealer/retailer) by the original purchaser with the product to be repaired or replaced.
2. The warranty is void if the serial number, date of purchase and label has been removed.
3. The warranty does not cover damage or product failure resulting from normal wear and tear, physical abuse, improper installation, misuse, modification or repairs by unauthorized third parties.
4. We do not assume responsibility for any loss or damage incurred during shipment or as a result of a force majeure.
5. We are not liable for any incidental or consequential damages arising from the use or misuse of this product.
6. All warranty claims are limited to repair or replacement of the defective product and at the sole discretion of us.
7. If we repair or replace the product, the product will be covered for the remaining time of the original warranty period. Repair or replacement may involve the use of reconditioned units which equivalent in function. Replaced part or product becomes the property of us.
8. Consumable components such as batteries are not covered by the warranty.

# Manufacturer

E&J Technology Group Co., Ltd.

## Applied standard

IEC 62133-2012 Secondary cells and batteries containing alkaline or other non-acid electrolytes –Safety requirements for portable sealed

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